

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074264.D
 Acq On : 02 Sep 2022 00:53
 Operator : JC\MD
 Sample : N4376-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38I

Quant Time: Sep 02 05:43:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

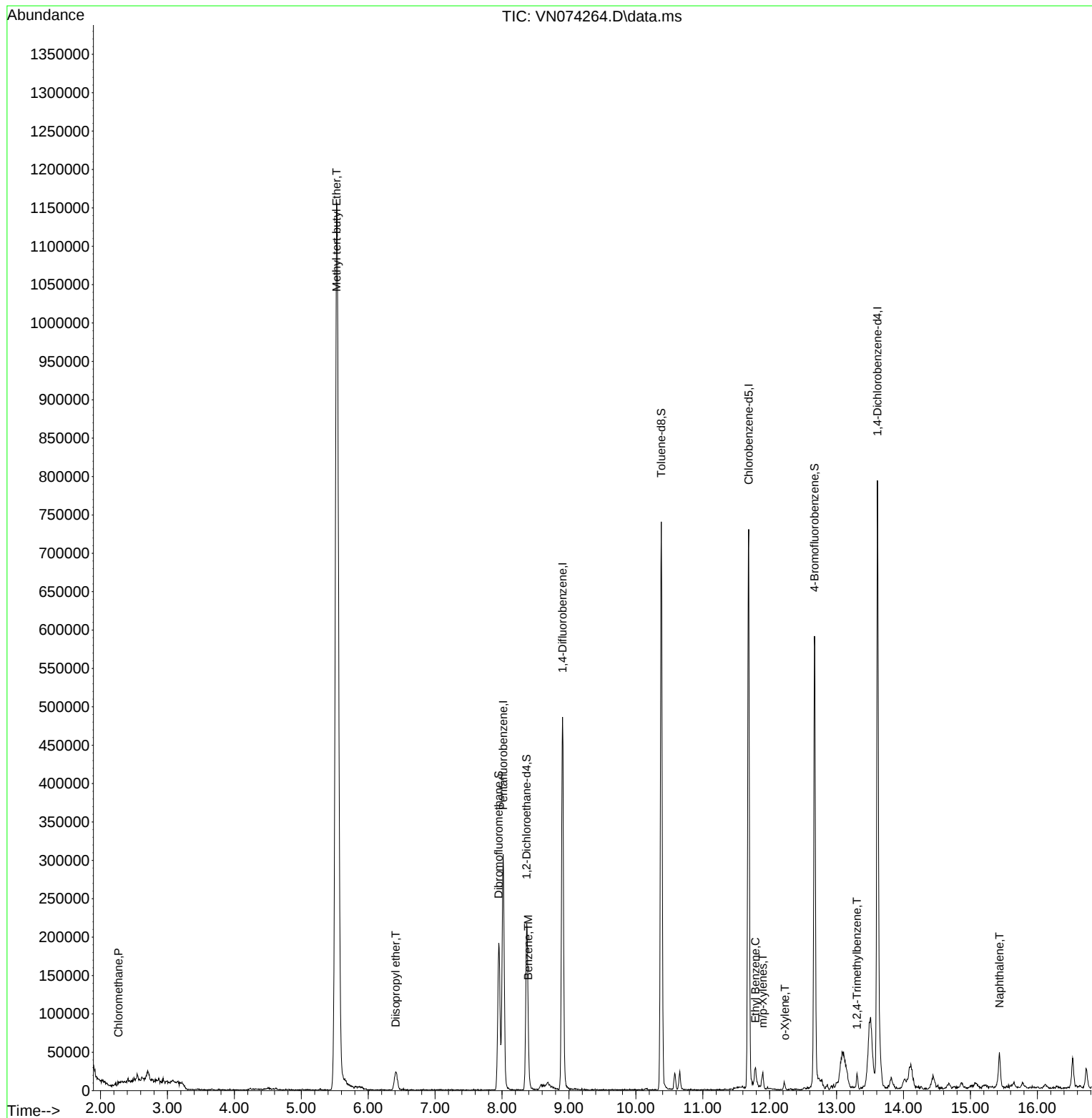
Internal Standards						
1) Pentafluorobenzene	8.016	168	213942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	403556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	380552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	181446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	164389	49.533	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.060%
35) Dibromofluoromethane	7.951	113	137188	52.242	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.480%
50) Toluene-d8	10.381	98	484594	46.859	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.720%
62) 4-Bromofluorobenzene	12.669	95	180636	57.437	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.880%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1094	0.351	ug/l	93
19) Methyl tert-butyl Ether	5.528	73	1848150	199.190	ug/l	97
22) Diisopropyl ether	6.410	45	32518	2.853	ug/l #	92
40) Benzene	8.392	78	12492	0.934	ug/l	99
67) Ethyl Benzene	11.786	91	14530	0.946	ug/l	91
68) m/p-Xylenes	11.898	106	6294	1.103	ug/l	97
69) o-Xylene	12.227	106	2875	0.505	ug/l	77
84) 1,2,4-Trimethylbenzene	13.304	105	10033	0.823	ug/l	96
95) Naphthalene	15.433	128	43485	4.237	ug/l	96

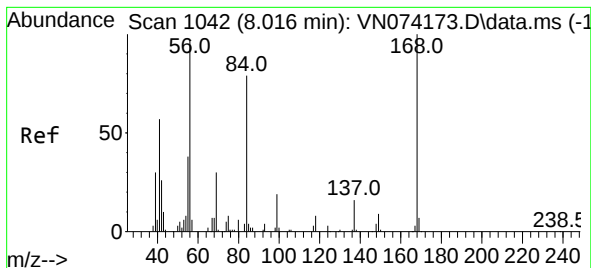
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260
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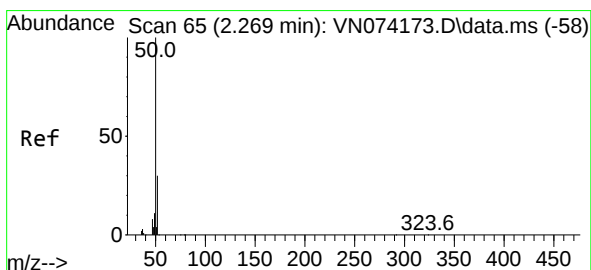
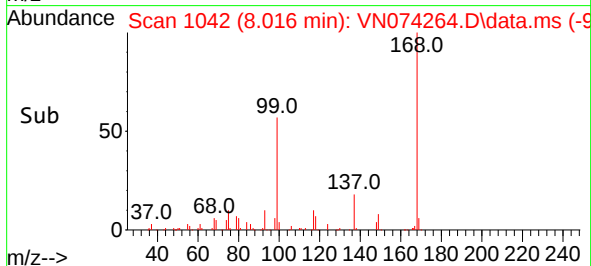
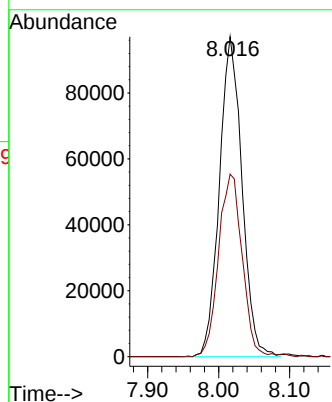
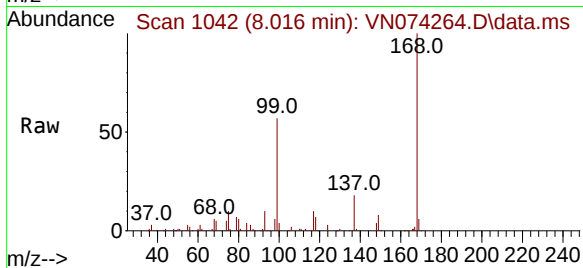




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074264.D
Acq: 02 Sep 2022 00:53

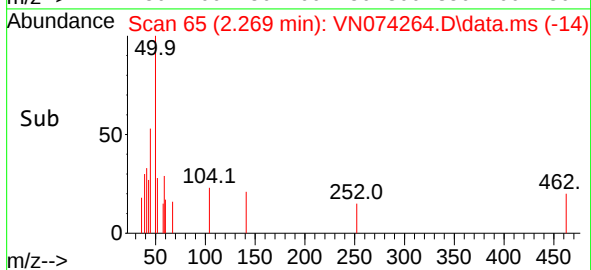
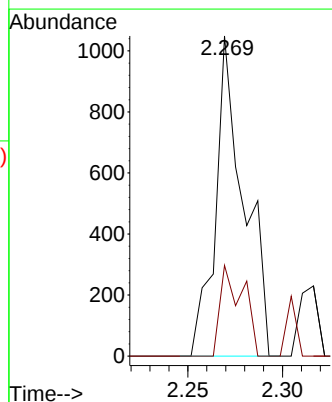
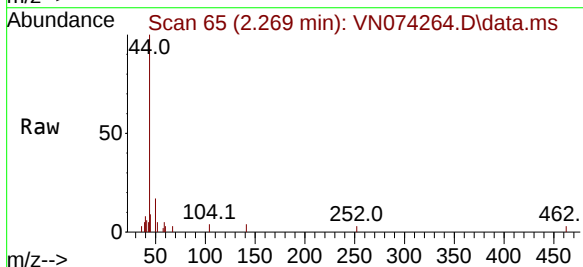
Instrument :
MSVOA_N
ClientSampleId :
MW-38I

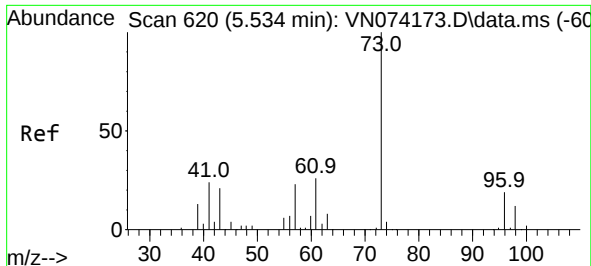
Tgt Ion:168 Resp: 213942
Ion Ratio Lower Upper
168 100
99 57.0 42.3 63.5



#3
Chloromethane
Concen: 0.351 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074264.D
Acq: 02 Sep 2022 00:53

Tgt Ion: 50 Resp: 1094
Ion Ratio Lower Upper
50 100
52 28.3 25.7 38.5





#19

Methyl tert-butyl Ether

Concen: 199.190 ug/l

RT: 5.528 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN074264.D

Acq: 02 Sep 2022 00:53

Instrument :

MSVOA_N

ClientSampleId :

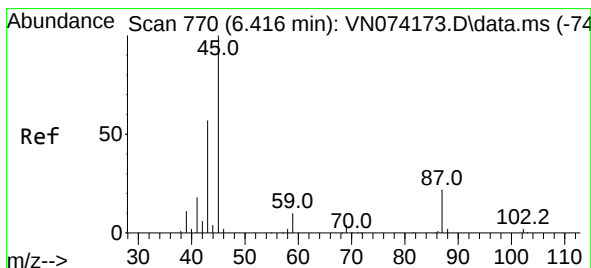
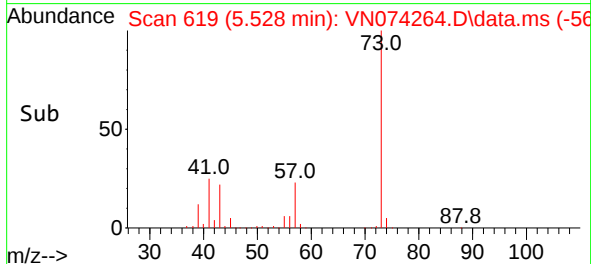
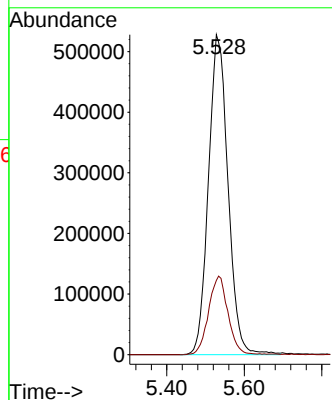
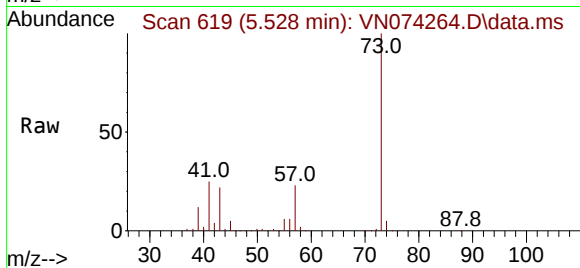
MW-38I

Tgt Ion: 73 Resp: 1848150

Ion Ratio Lower Upper

73 100

57 23.2 17.6 26.4



#22

Diisopropyl ether

Concen: 2.853 ug/l

RT: 6.410 min Scan# 769

Delta R.T. -0.006 min

Lab File: VN074264.D

Acq: 02 Sep 2022 00:53

Tgt Ion: 45 Resp: 32518

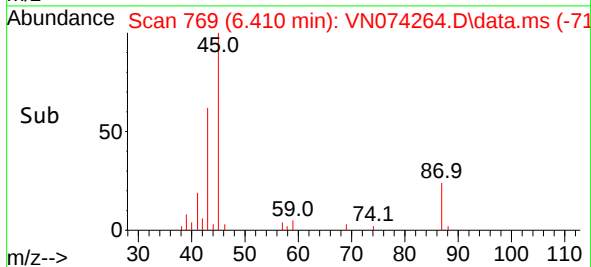
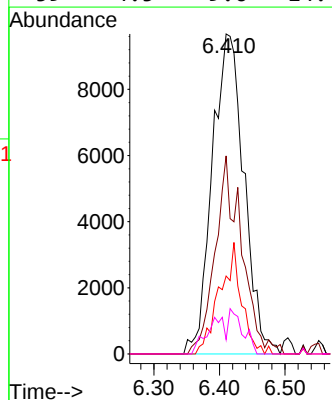
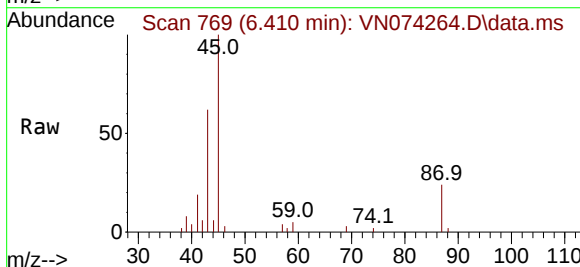
Ion Ratio Lower Upper

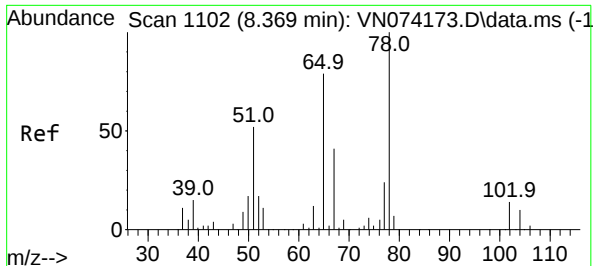
45 100

43 61.9 46.6 70.0

87 24.4 24.3 36.5

59 4.5 9.6 14.4#





#33

1,2-Dichloroethane-d4

Concen: 49.533 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074264.D

Acq: 02 Sep 2022 00:53

Instrument :

MSVOA_N

ClientSampleId :

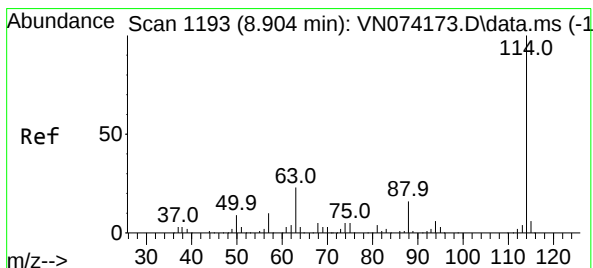
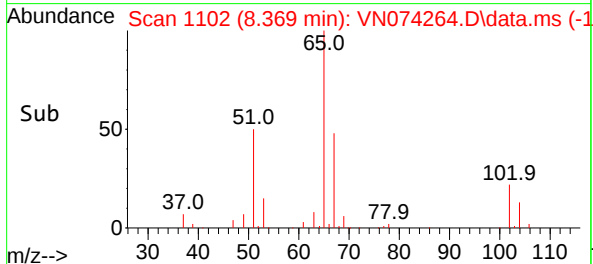
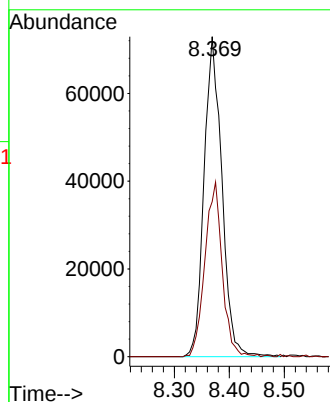
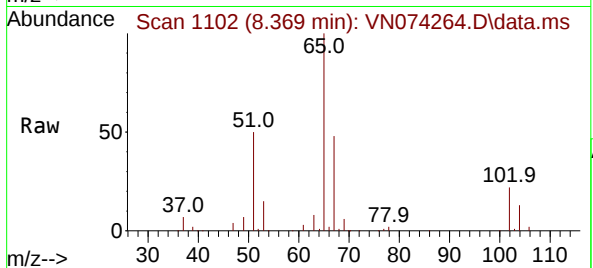
MW-38I

Tgt Ion: 65 Resp: 164389

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074264.D

Acq: 02 Sep 2022 00:53

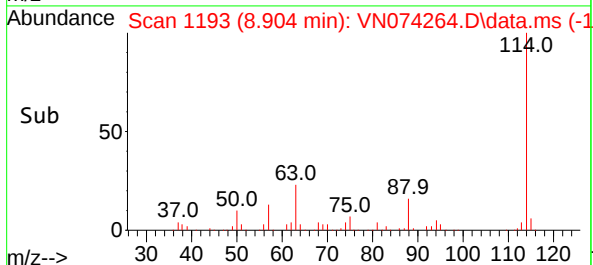
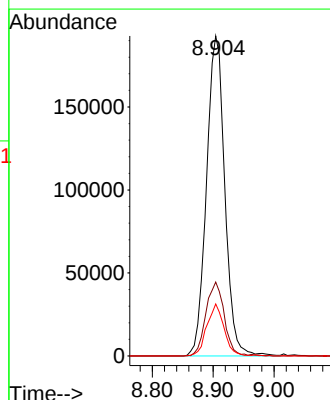
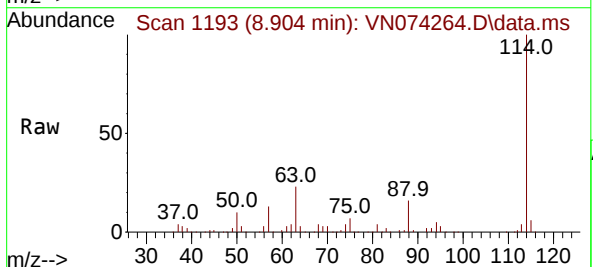
Tgt Ion: 114 Resp: 403556

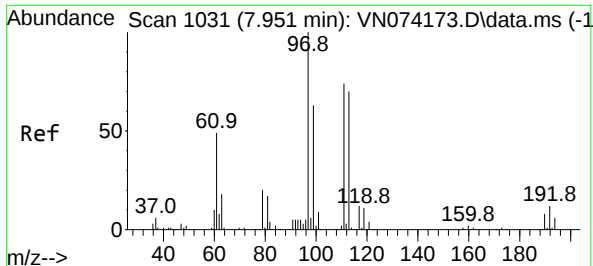
Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.242 ug/l

RT: 7.951 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VN074264.D

Acq: 02 Sep 2022 00:53

Instrument :

MSVOA_N

ClientSampleId :

MW-38I

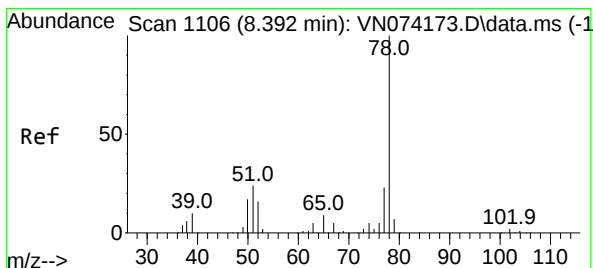
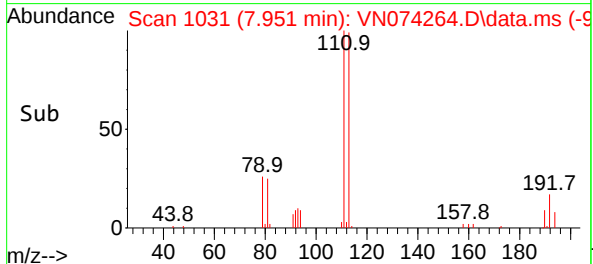
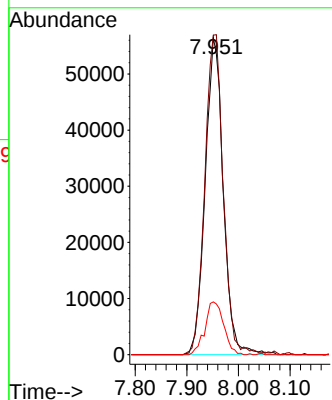
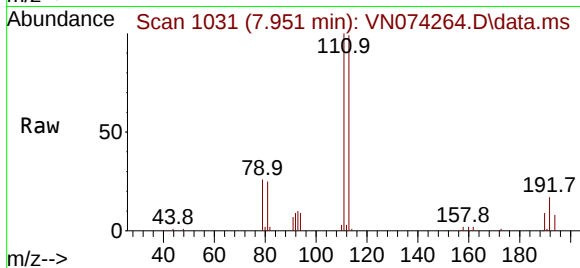
Tgt Ion:113 Resp: 137188

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 17.3 17.0 25.6



#40

Benzene

Concen: 0.934 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN074264.D

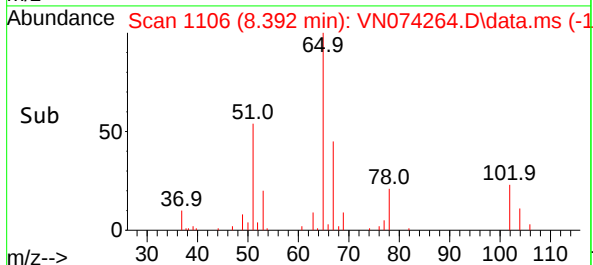
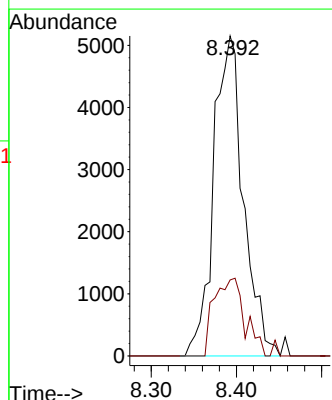
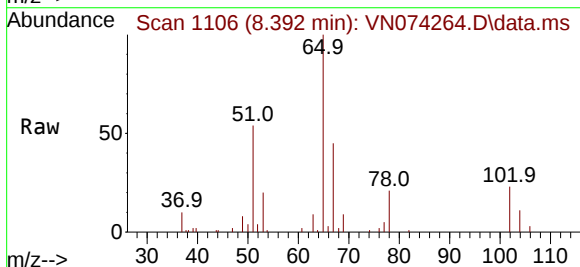
Acq: 02 Sep 2022 00:53

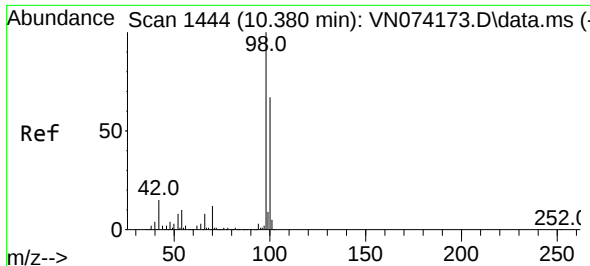
Tgt Ion: 78 Resp: 12492

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.0

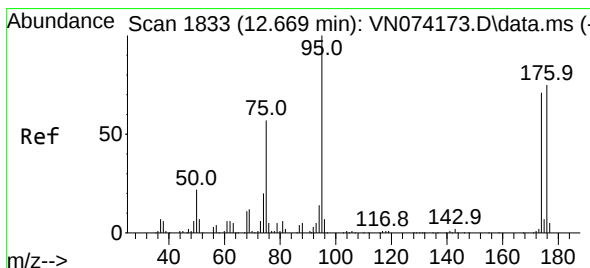
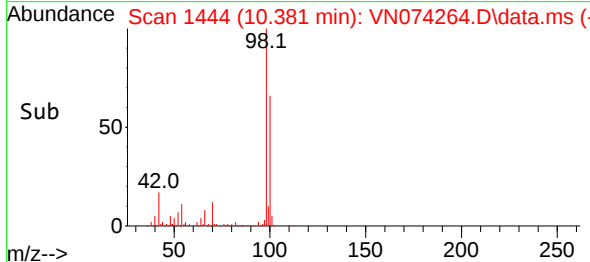
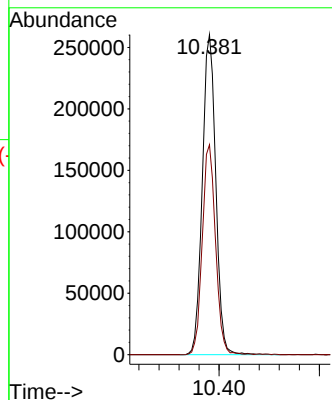
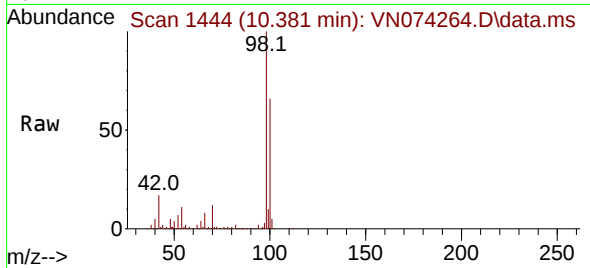




#50
Toluene-d8
Concen: 46.859 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074264.D
Acq: 02 Sep 2022 00:53

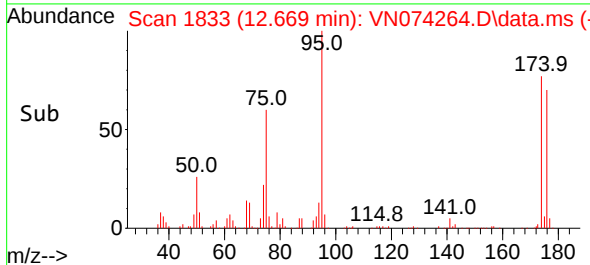
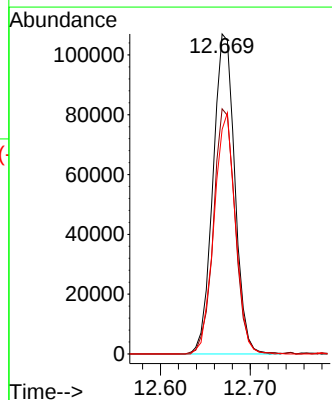
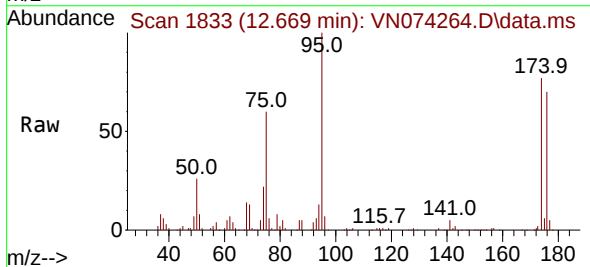
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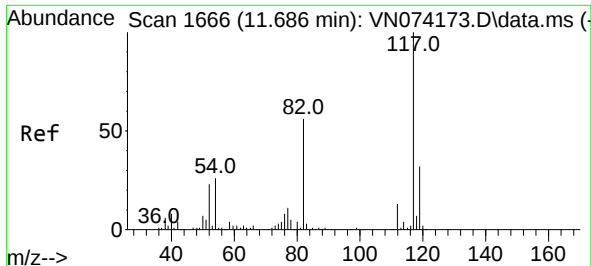
Tgt Ion: 98 Resp: 484594
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.437 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074264.D
Acq: 02 Sep 2022 00:53

Tgt Ion: 95 Resp: 180636
Ion Ratio Lower Upper
95 100
174 75.9 0.0 167.6
176 73.8 0.0 163.4

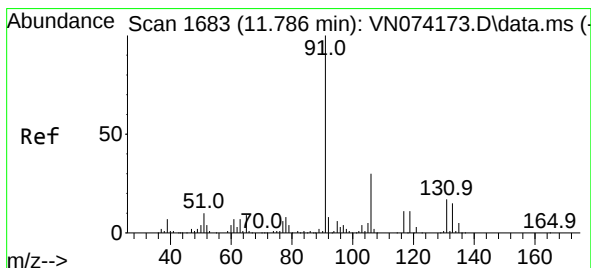
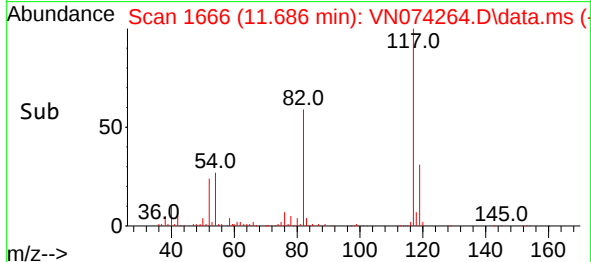
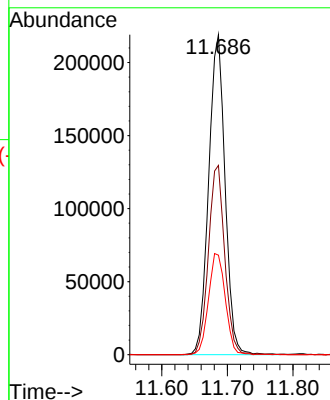
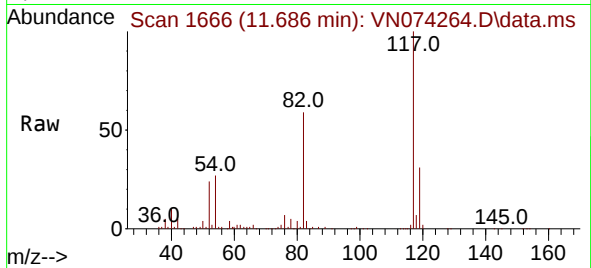




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074264.D
Acq: 02 Sep 2022 00:53

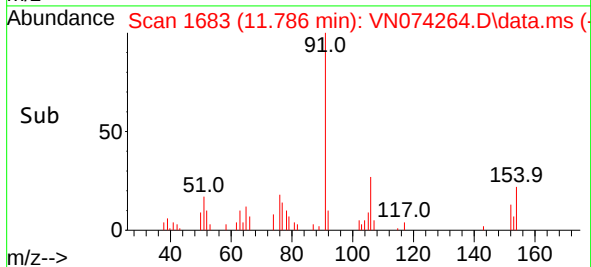
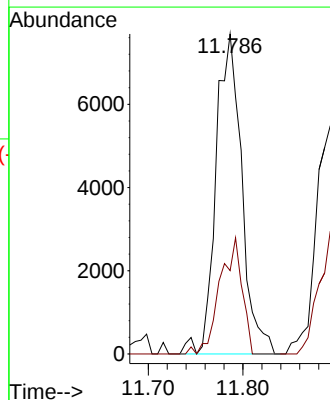
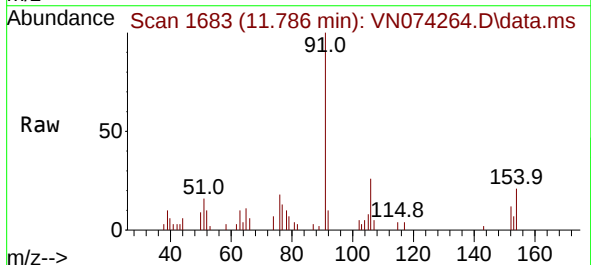
Instrument :
MSVOA_N
ClientSampleId :
MW-38I

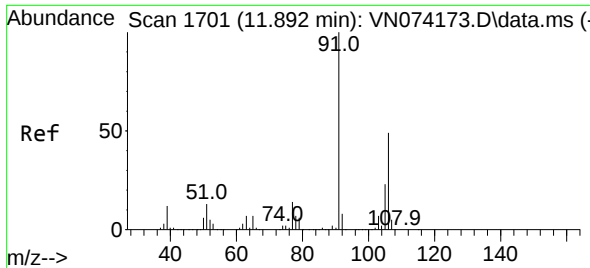
Tgt Ion:117 Resp: 380552
Ion Ratio Lower Upper
117 100
82 59.2 44.2 66.2
119 31.1 25.4 38.0



#67
Ethyl Benzene
Concen: 0.946 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074264.D
Acq: 02 Sep 2022 00:53

Tgt Ion: 91 Resp: 14530
Ion Ratio Lower Upper
91 100
106 26.1 24.9 37.3

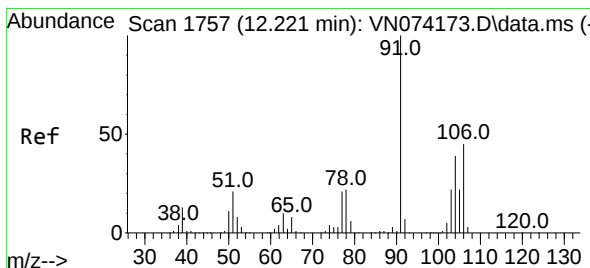
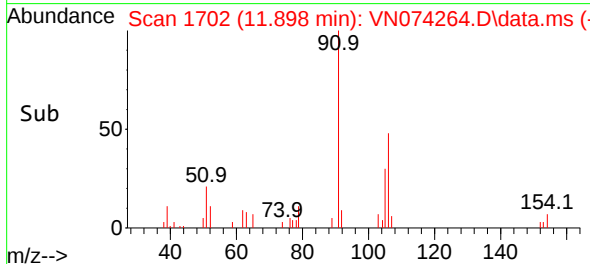
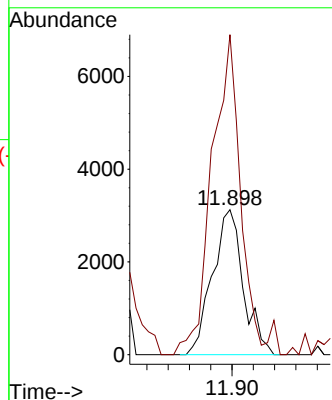
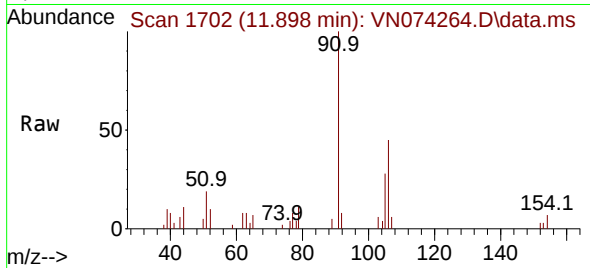




#68
m/p-Xylenes
Concen: 1.103 ug/l
RT: 11.898 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074264.D
Acq: 02 Sep 2022 00:53

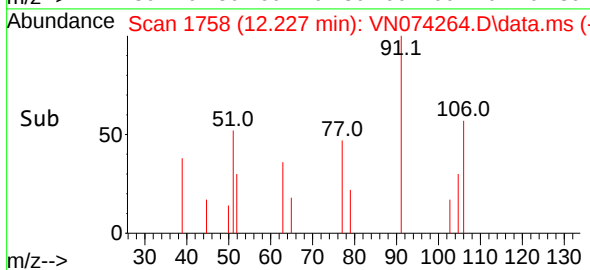
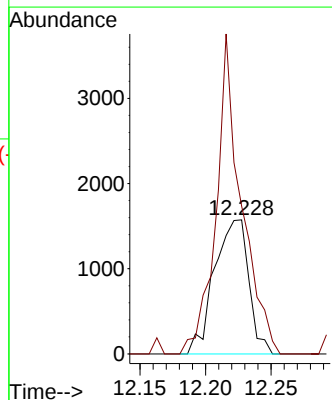
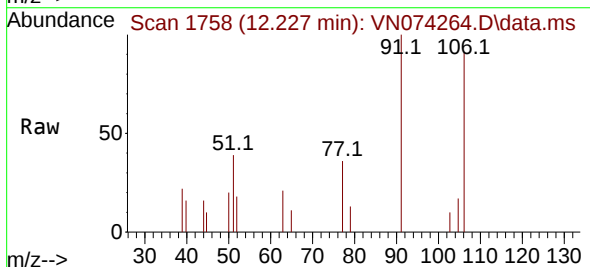
Instrument :
MSVOA_N
ClientSampleId :
MW-38I

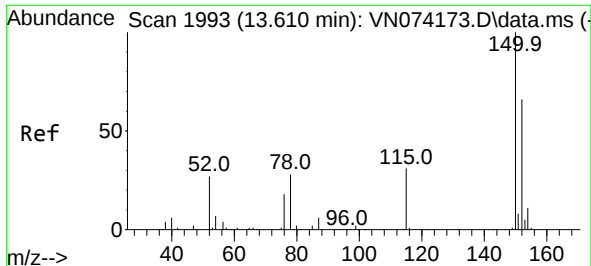
Tgt Ion:106 Resp: 6294
Ion Ratio Lower Upper
106 100
91 203.7 158.9 238.3



#69
o-Xylene
Concen: 0.505 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VN074264.D
Acq: 02 Sep 2022 00:53

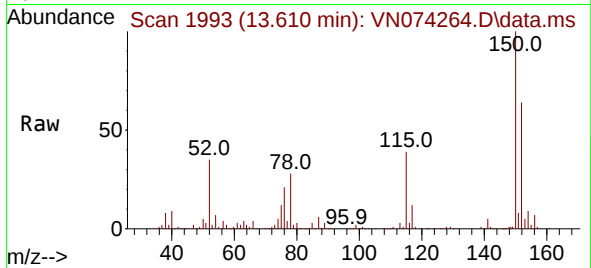
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Ion Ratio Lower Upper
106 100
91 175.2 106.0 318.0



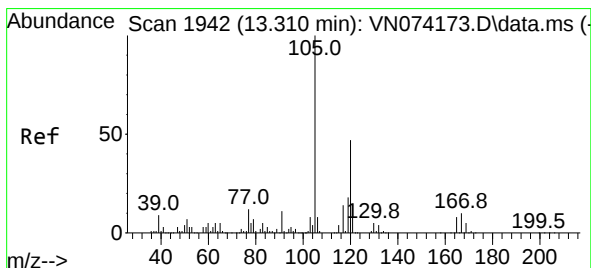
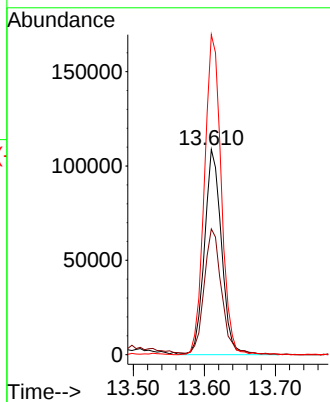
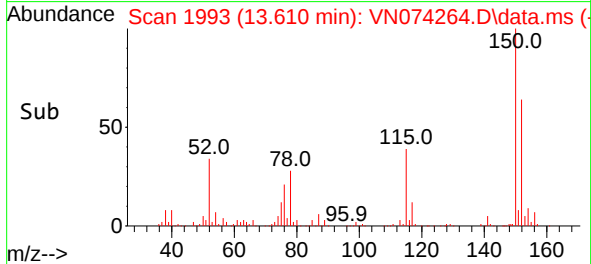


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN074264.D
 Acq: 02 Sep 2022 00:53

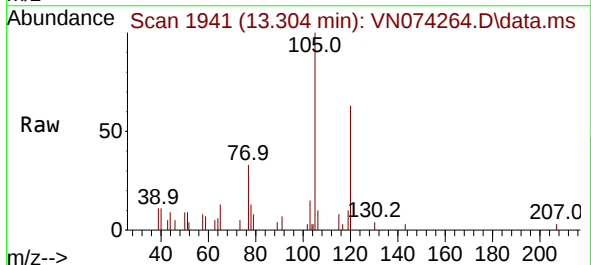
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38I



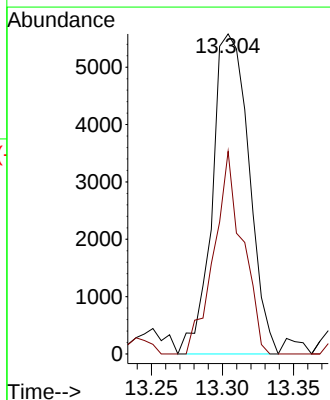
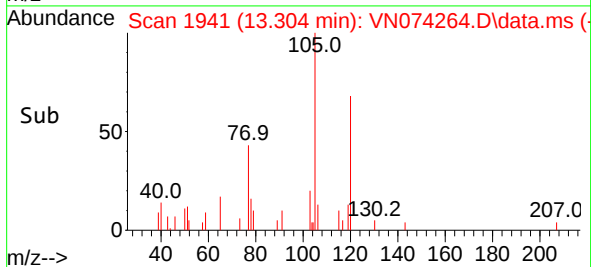
Tgt Ion:152 Resp: 181446
 Ion Ratio Lower Upper
 152 100
 115 63.5 28.9 86.7
 150 154.0 0.0 356.2

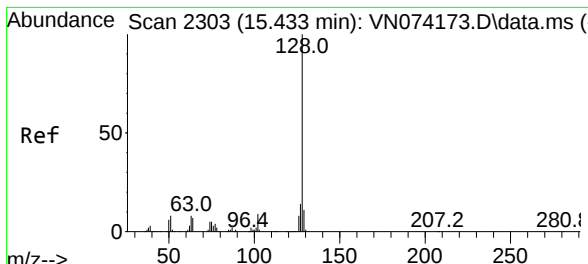


#84
 1,2,4-Trimethylbenzene
 Concen: 0.823 ug/l
 RT: 13.304 min Scan# 1941
 Delta R.T. -0.006 min
 Lab File: VN074264.D
 Acq: 02 Sep 2022 00:53



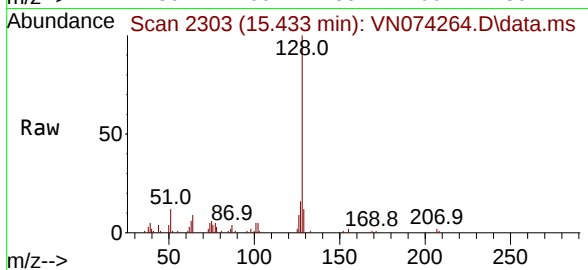
Tgt Ion:105 Resp: 10033
 Ion Ratio Lower Upper
 105 100
 120 49.3 23.3 69.8





#95
 Naphthalene
 Concen: 4.237 ug/l
 RT: 15.433 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074264.D
 Acq: 02 Sep 2022 00:53

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38I



Tgt Ion:	128	Resp:	43485
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.3	15.5
129	12.3	8.6	13.0

